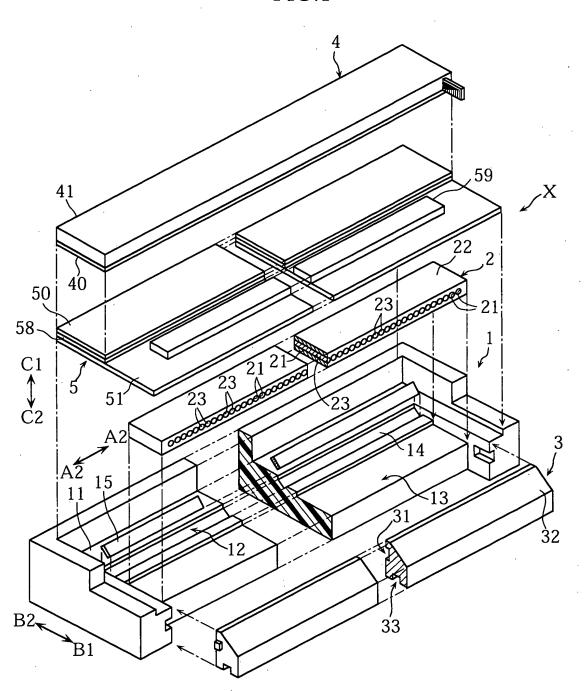
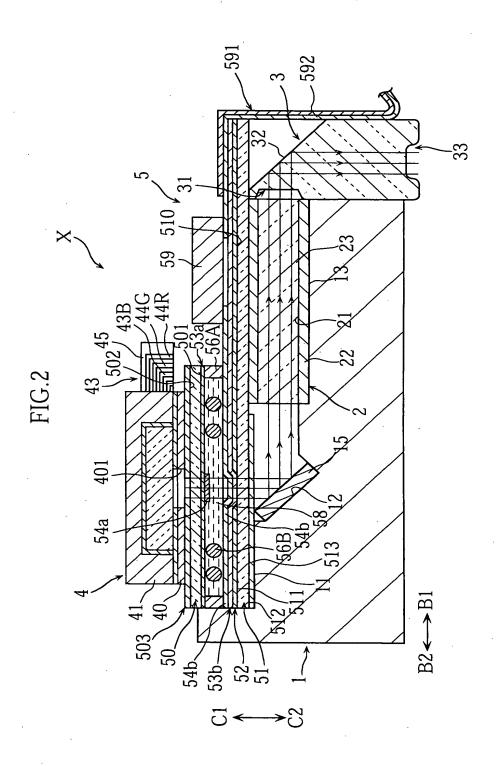
Inventor: TAKAKURA
Docket No.: 10921.203US01
Title: LIQUID CRYSTAL SHUTTER AND PRINTHEAD
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 1 of 8

FIG.1

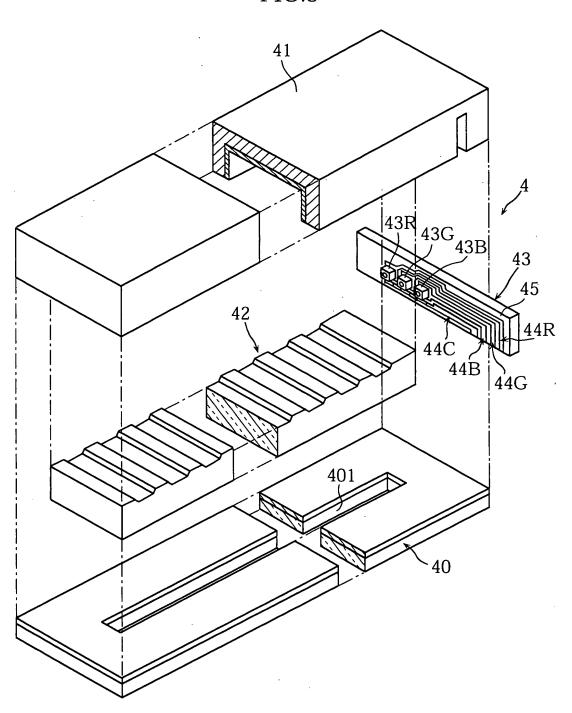


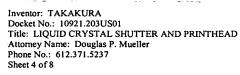
Inventor: TAKAKURA
Docket No.: 10921.203US01
Title: LIQUID CRYSTAL SHUTTER AND PRINTHEAD
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 2 of 8

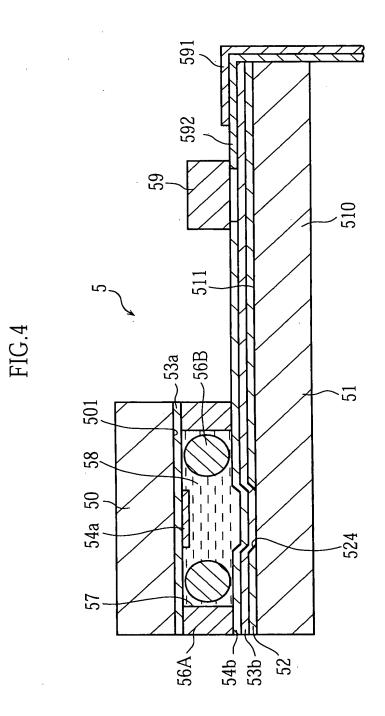


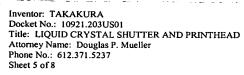
Inventor: TAKAKURA
Docket No.: 10921.203US01
Title: LIQUID CRYSTAL SHUTTER AND PRINTHEAD
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 3 of 8

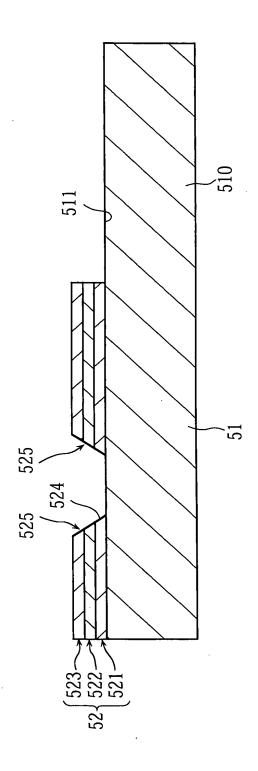
FIG.3





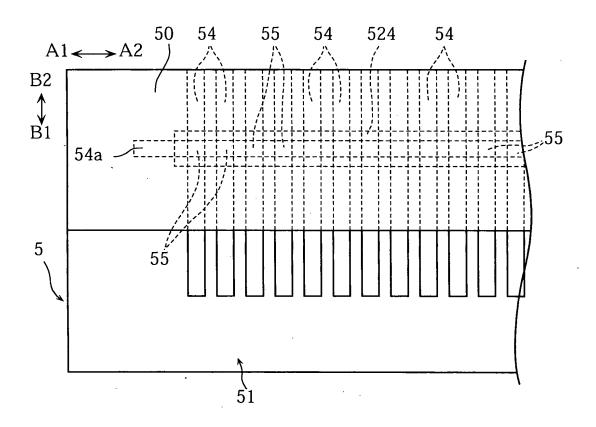


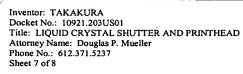




Inventor: TAKAKURA
Docket No.: 10921.203US01
Title: LIQUID CRYSTAL SHUTTER AND PRINTHEAD
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 6 of 8

FIG.6





93b98R(98G,98B) 93a 8 91a 94

Inventor: TAKAKURA
Docket No.: 10921.203US01
Title: LIQUID CRYSTAL SHUTTER AND PRINTHEAD
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 8 of 8

